|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| staff | | | |
| staff\_id | NUMBER(3) | PK(pk\_staff) |  |
| staff\_name | VARCHAR2(20) | NOT NULL |  |
| staff\_address | VARCHAR2(20) |  |  |
| ph\_number | VARCHAR2(10) | NOT NULL |  |
| gender | CHAR |  | M |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| groups | | | |
| group\_id | NUMBER(3) |  |  |
| activity\_id | NUMBER(3) | NOT NULL |  |
| staff\_role\_id | NUMBER(3) | FK(fk\_g\_staff\_role), NOT NULL |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| activities | | | |
| activity\_id | NUMBER(3) |  |  |
| activity\_name | VARCHAR2(10) |  |  |
| start\_time | DATE |  |  |
| end\_time | DATE |  |  |
| budget | NUMBER(5) |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| costs | | | |
| cost\_id | NUMBER(3) | PK(pk\_cost) |  |
| activity\_id | NUMBER(3) | FK(fk\_c\_activities), NOT NULL |  |
| total\_cost | NUMBER(5) |  |  |
| descript | VARCHAR2(20) |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| staff\_roles | | | |
| staff\_role\_id | NUMBER(3) | PK(pk\_staff\_role) |  |
| staff\_id | NUMBER(3) | FK(fk\_sr\_staff) |  |
| role\_id | NUMBER(3) | FK(fk\_sr\_role) |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| reviews | | | |
| review\_id | NUMBER(3) | PK(pk\_review) |  |
| loco | VARCHAR2(69) |  |  |
| checked\_time | DATE |  |  |
| group\_id | NUMBER(3) | FK(fk\_r\_groups) |  |
| plan\_id | NUMBER(3) | FK(fk\_r\_plans) |  |
| stats | VARCHAR2(69) |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| plans | | | |
| plan\_id | NUMBER(3) |  |  |
| activity\_id | NUMBER(3) | FK(fk\_p\_activities), NOT NULL |  |
| stage\_id | NUMBER(3) | FK(fk\_p\_stages), NOT NULL |  |
| start\_day | DATE |  |  |
| end\_day | DATE |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| activity\_resources | | | |
| activity\_id | NUMBER(3) | FK(fk\_a\_activity), NOT NULL |  |
| resource\_id | NUMBER(3) | FK(fk\_a\_resource), NOT NULL |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| roles | | | |
| role\_id | NUMBER(3) |  |  |
| role\_name | VARCHAR2(10) |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| actions | | | |
| action\_id | NUMBER(3) |  |  |
| result | VARCHAR2(20) |  |  |
| review\_id | NUMBER(3) | FK(fk\_a\_reviews) |  |
| owner\_name | VARCHAR2(20) |  |  |
| deadline | DATE |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| stages | | | |
| stage\_id | NUMBER(4) |  |  |
| stage\_name | VARCHAR2(20) |  |  |
| stage\_address | VARCHAR2(20) |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Datatypes | Constraint | Default |
| resources | | | |
| resource\_id | NUMBER(3) | PK(pk\_resources) |  |
| resource\_name | VARCHAR2(15) |  |  |
| brief | VARCHAR2(20) |  |  |
| cost | NUMBER(5) |  |  |